

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF

THE EAST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

AND

A PORTION OF THE SUBDIVISION OF SECTION 10,

AND

THE SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 10,

IN

TOWNSHIP 15 SOUTH, RANGE 3 WEST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under special instructions dated *June 20, 2000*, approved *June 20, 2000*, which provided for the surveys included under Group Number *919*, and assignment instructions dated *June 20, 2000*.

Survey commenced *June 26, 2000*
Survey completed *July 5, 2000*

INDEX DIAGRAM

Township 15 South, Range 3 West

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TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines and a portion of the subdivision of section 10, and a survey of a portion of the subdivision of section 10, in Township 15 South, Range 3 West, Salt Lake Meridian, Utah.

History of Surveys**Surveyed by****Retr. or Resurveyed by****SOUTH BOUNDARY (Third Standard Parallel South)**

Portion	F. Dickert	1871		
All	A.J. Stewart, Jr.	1884	A.J. Stewart, Jr.	1884
Portion			J.C. Thoma, C.J. Terry, and H.W. Miller	1920
Portion			R.K. Baugh and M.R. Workman	1996-97

EAST BOUNDARY

Portion	F. Dickert	1871		
All	A.J. Stewart, Jr.	1884	A.J. Stewart, Jr.	1884
All			R.L. Houston	1997

WEST BOUNDARY

Portion	J. Grolinski	1873		
Portion	A.J. Stewart, Jr.	1884	A.J. Stewart, Jr.	1884
Portion			Stewart and Clark	1913
All			Miller and Hayse	1916
Portion			J.C. Thoma, C.J. Terry, and H.W. Miller	1920

NORTH BOUNDARY

All	S.M. Richardson	1884		
Portion			J.C. Thoma, C.J. Terry, and H.W. Miller	1920
Portion			D.H. Meyers (Mineral Surveyor)	1988

SUBDIVISION

Portion	A.J. Stewart, Jr.	1884		
Portion	J.C. Thoma, C.J. Terry,	1920	J.C. Thoma, C.J. Terry, and H.W. Miller	1920
Portion			R.K. Baugh and W.R. Workman	1996-97

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS

REMONUMENTATION

Portion F.D. Reynolds 1969

Portions of T. 14 S., R. 3 W., Salt Lake Meridian, were resurveyed concurrently, 1996-2000, by R.K. Baugh and M.R. Workman, under Group No. 862.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 919, Utah, dated June 20, 2000.

The directions and distances were determined by the use of the Global Positioning System (G.P.S.) using relative positioning techniques.

Preliminary to the resurvey, the lines of the original survey were retraced and a search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented as proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the corner of sections 1, 6, 7, and 12, on the east boundary of the township, which will also function as a B.L.M. Control Station, was determined by ties to National Geodetic Survey Triangulation Stations "CAPPS" and "DYER", by G.P.S. using relative positioning techniques, is as follows:

Latitude 39° 31' 59.650" N. Longitude 112° 07' 40.747 W.
N.A.D. 1983 - Elevation 5546 ft.

The geographic position of National Geodetic Survey Triangulation Station "CAPPS", is as follows:

Latitude 39° 39' 43.87548" N. Longitude 112° 02' 47.39982 W.
N.A.D. 1983 (1994) - Elevation 5656 ft.

The geographic position of National Geodetic Survey Triangulation Station "DYER", is as follows:

Latitude 39° 40' 21.25464" N. Longitude 112° 15' 40.12772" W.
N.A.D. 1983 (1994) - Elevation 5112 ft.

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990 is: 13 1/2° East.

Dependent Resurvey of a Portion of the East Boundary,
T. 15 S., R. 3 W., Salt Lake Meridian, Utah

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Reestablishment of the Survey Executed by
A.J. Stewart, Jr., in 1884
and the Resurvey Executed by R.L. Houston in 1997

Beginning at the 1/4 section corner of sections 1 and 6, on the east boundary of the township, monumented with an aluminum post, 2 1/2 ins. diam., in a collar of stone, 2 ft. diam., base to top of aluminum cap, marked as described in the official record of the 1997 resurvey under Group No. 861.

N. 0°13.5' E., between sections 1 and 6, on the east boundary of the township.

39.030 Point for the 80 1/16 section corner of section 1 only, on the east boundary of the township. Not monumented.

40.853 The closing corner of section 6, T. 15 S., R. 2 W., and section 31, T. 14 S., R. 2 W., monumented with an iron post, 2 1/2 ins. diam., 14 ins. above ground, firmly set, in a collar of stone, with a reference mound, 4 ft. diam., east 5 links distance, with brass cap marked as described in the official record of the 1912 survey.

Continue measurement between sections 1 and 31, on the east boundary of the township, on line also resurveyed by Stewart and Heist in 1912.

73.896 The closing corner of section 1, T. 15 S., R. 3 W., and section 6 of T. 14 S., R. 2 W., monumented with an aluminum post, 2 1/2 ins. diam., in a collar of stone, marked as described in the official record of the 1996 to 2000 resurvey under Group No. 862.

From this closing corner, the original quartzite stone of the 1884 survey was marked AM and buried in place, bears N. 0° 13.5' E., 0.164 chains distance.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 3 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
A.J. Stewart, Jr., in 1884

From the corner of sections 1, 6, 7 and 12, on the east boundary of the township, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone, to top of aluminum cap, marked as described in the official record of the 1997 resurvey under Group No. 861.

From this corner, the 1/4 section corner of sections 1 and 6, on the east boundary of the township, hereinbefore described, bears N. 0° 13.4' E., 39.103 chains distance.

S. 89° 25.3' W., between sections 1 and 12.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS**38.863**

The 1/4 section corner of sections 1 and 12, monumented with a sandstone, 14x10x4 ins., plainly marked 1/4 on the north face, and in a scattered mound of stone.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

$$\begin{array}{r} \text{T15S R3W} \\ 1/4 \frac{\text{S1}}{\text{S12}} \\ 2000 \end{array}$$

Buried the marked stone alongside the aluminum post.

Raise a mound of stone, 3 ft. base by 2 ft. high, north of the corner.

Corner is located on S slope, 1.00 chains S of a ridge, with trail road on top, that bears NE and SW.

N. 89°54.1' W., beginning new measurement.

40.695

The corner of sections 1, 2, 11, and 12, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone to top of aluminum cap, marked as described in the official record of the 1996-97 resurvey under Group No. 862.

N. 1° 22.5' W., between sections 1 and 2.

40.056

Point for the 1/4 section corner of sections 1 and 2, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

$$\begin{array}{r} \text{T15S R3W} \\ 1/4 \\ \text{S2} \mid \text{S1} \\ 2000 \end{array}$$

Deposit a Deep 1 magnet at base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Raise a mound of stone, 3 ft. base by 1 1/2 ft. high, west of corner.

Corner is located in a flat sagebrush area.

80.112

Point for the 80 1/16 section corner of sections 1 and 2.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T15S R3W
80 1/16
S2 | S1
2000

Raise a mound of stone, 4 ft. base by 2 ft. high, west of corner.

Corner is located on a gentle N slope about 1.50 chs. South of a draw, that drains NE.

113.558

The closing corner of sections 1 and 2, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone to top of aluminum cap, marked as described in the official record of the 1996 to 2000 resurvey under Group No. 862.

From the corner of sections 2, 3, 10 and 11, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone to top of aluminum cap marked as described in the official record of the 1996 to 1997 resurvey under Group No. 862.

From this corner, the corner of sections 1, 2, 11, and 12, bears S. 88° 56.3" E., 80.152 chs. distance.

N. 2° 00.4' W., between sections 2 and 3.

39.654

Point for the 1/4 section corner of sections 2 and 3, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T15S R3W
1/4
S3 | S2
2000

Deposit a Deep 1 magnet at base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep N slope, 1.35 chs. south of draw, that drains east.

79.308

Point for the 80 1/16 section corner of sections 2 and 3.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top of aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T15S R3W
80 1/16
S3 | S2
2000

Corner is located on a steep N slope about 1.50 chs. north of a ridge that bears NE and SW, and south, 3.00 chs. distance from a draw that drains NE.

- 112.419** The closing corner of sections 2 and 3, monumented with a rebar, 3/4 ins. diam., 6 ins. above ground, with aluminum cap marked as described in the official record of the 1996 to 2000 resurvey under Group No. 862.

Reestablishment of the Survey Executed by
A.J. Stewart, Jr., in 1884, and the Resurvey Executed by
R.K. Baugh and M.R. Workman in 1996-97

From the corner of sections 2, 3, 10, and 11.

N. 86° 21.7' W., between sections 3 and 10.

- 20.993** Point for the E 1/16 section corner of sections 3 and 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T15S R3W
E 1/16 $\frac{S3}{S10}$
2000

Deposit a Deep 1 magnet at base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Raise a mound of stone, 3 ft. base by 1 1/2 ft. high, west of the corner.

- 41.986** The 1/4 section corner of sections 3 and 10, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone, 5 ft. base to top of aluminum cap, marked as described in the official record of the 1996-97 resurvey under Group No. 862.

Dependent Resurvey of a Portion of the Subdivision
of Section 10, T. 15 S., R. 3 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 10 and 11, monumented with an aluminum post, 2 1/2 ins. diam., 6 ins. above ground, with aluminum cap, marked as described in the official record of the 1996 - 97 resurvey under Group No. 862.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION
OF SECTION 10, T. 15 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

CHAINS

N. $86^{\circ} 01.8'$ W., on the E-W center line of section 10.

20.976 Point for the center E 1/16 section corner of section 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground to bedrock, with the aluminum cap marked:

$$\begin{array}{c} \text{T15S R3W} \\ \text{C } \frac{\text{E } 1/16}{\text{S10}} \text{ C} \\ 2000 \end{array}$$

Deposit a Deep 1 magnet at base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Raise a mound of stone, 3 ft. base by 1 1/2 ft. high, west of the corner.

41.952 The center 1/4 section corner of section 10 only, monumented with an aluminum post, 2 1/2 ins. diam., in a mound of stone, 3 ft. base to top of aluminum cap, marked as described in the official record of the 1996-97 resurvey under Group No. 862.

The Survey of a Portion of the Subdivision of Section 10,
T. 15 S., R. 3 W., Salt Lake Meridian, Utah

From the center E 1/16 section corner of section 10.

N. $0^{\circ} 06.4'$ E., on the N-S center line of the NE 1/4 of section 10.

39.685 The E 1/16 section corner of sections 3 and 10.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

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Name	Capacity
M. Ross Workman	Supervisory Cadastral Surveyor

CERTIFICATE OF SURVEY

I, **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *20th day of June, 2000*, I have *dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines, and a portion of the subdivision of section 10, and surveyed a portion of the subdivision of section 10, in Township 15 South, Range 3 West,*

of the **Salt Lake** Meridian, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

June 15, 2001

Date

Ronald K. Baugh

(Supervisory Cadastral Surveyor)

Date

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, and a portion of the subdivision of section 10, and the survey of a portion of the subdivision of section 10, in Township 15 South, Range 3 West, Salt Lake Meridian, Utah,*

executed by **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

June 22, 2001

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)